

ABSTRACT OF THE DISCLOSURE

The present invention is a system and method of
precisely locating a football on a football field in order to
determine whether a first down has been achieved. The
5 invention employs an optical distance measuring device that
communicates via a wireless transceiver with a portable
display device controlled by an on-field official. The
portable display device is equipped with an operator
interface used to request measurements of the ball location
10 and is suitably programmed to calculate whether a first down
has been achieved based on first and second ball location
data points.

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